

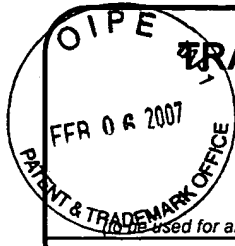
02-07-07

PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number

10/729,235

Filing Date

December 5, 2003

First Named Inventor

THOMAS, Roger

Art Unit

3725

Examiner Name

SELF, Shelley M.

Attorney Docket Number

P-US-PR-1112

## ENCLOSURES (check all that apply)

☒ Fee Transmittal Form☒ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/  
Incomplete Application☐ Reply to Missing Parts  
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Other Enclosure(s)  
(please identify below):

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm

Black &amp; Decker Inc.

Signature

Printed Name

Joseph F. Key

Date

February 6, 2007

Reg.  
No.

44, 827

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Delrose S. Lumsden

Typed or printed name

Delrose S. Lumsden

Date

February 6, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEB 06 2006

**FREE TRANSMITTAL**  
**for FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 180.00**Complete if Known**

Application Number	10/729,235
Filing Date	December 5, 2003
First Named Inventor	THOMAS, Roger
Examiner Name	SELF, Shelley M.
Art Unit	3725
Attorney Docket No.	P-US-PR-1112

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : \_\_\_\_\_☒ Deposit Account Deposit Account Number: 02-2548 Deposit Account Name: Black & Decker Inc

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee(\$)</b>
_____ -20 or HP= _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee(\$)</b>
_____ - 3 or HP= _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

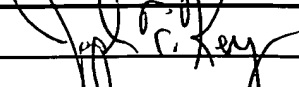
**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

<b>Fees Paid (\$)</b>
180.00

Other (e.g., late filing surcharge) : IDS fee \_\_\_\_\_

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	44, 827	Telephone	410-716-2830
Name (Print/Type)	Joseph F. Key	Date	February 6, 2007		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	
THOMAS, Roger	)	Docket No.: P-US-PR-1112
Serial No.: 10/729,235	)	Group Art Unit: 3725
Filed: December 5, 2003	)	Examiner: SELF, Shelley M.
For: Planer	)	

Commissioner for Patents  
Alexandria, VA 22321-1450

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby discloses the documents listed on the attached Form PTO/SB/08A. A copy of each document other than the cited U.S. Patents and U.S. Published Applications is enclosed. This statement is being filed after a first office action but before a final office action or notice of allowance. Enclosed is the appropriate fee.

Respectfully Submitted,

Joseph F. Key  
Attorney for Applicant(s)  
Registration No. 44, 827  
Customer Number (28268)  
February 6, 2007

02/08/2007 WASFAW1 00000001 022548 10729235

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/729,235
Filing Date	12/05/2003
First Named Inventor	THOMAS, Roger
Art Unit	3725
Examiner Name	SELF, Shelley M.
Attorney Docket Number	P-US-PR-1112

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-6,629,548	10/7/2003	Pei-Lieh Chiang	
		US- 6,712,106	3/30/2004	Chin-Feng WANG	
		US- 3,952,484	4/27/1976	Earl C. VanSwearingen	
		US- 6,520,365	2/18/2003	Aquapore Moisture Systems	
		US- 6,481,475	11/19/2002	Liao et al.	
		US- 5,960,983	10/5/1999	Chin Chung Chan	
		US- 6,047,693	4/11/2000	Kioritz Corp.	
		US- 4,105,420	8/08/1978	Bayfront Csrpet & Vacuum	
		US- 5,791,977	8/11/1998	Porter-Cable	
		US- 2,600,279	6/10/1952	H.A. Spitzley	
		US- 1,281,207	10/8/1918	J.M. Richens	
		US- 2,583,637	1/29/1952	W.F. Draper	
		US- 6,601,621	8/5/2003	Black & Decker	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 2002 326160 A	11/12/02	Makita		ABST
		DE 31 13496 A1	10/21/82	GEIS		ABST
		DE 31 26511 A1	3/10/1983	Buschbaum		ABST
		EP 0 558 253	9/1/1993	Black & Decker		
		DE 195 30 542 A	2/20/1997	Bosch		ABST
		DE 195 12 262 A	9/26/1996	Black & Decker		ABST
		DE 100 35 437 A	2/07/2002	Bosch		ABST
		EP 1 247 612 A	10/09/02	Bosch		ABST
		DE 39 15 084 C	6/13/90	Stein		ABST

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	2	of	3
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**Complete if Known**

<b>Application Number</b>	10/729,235
<b>Filing Date</b>	12/05/2003
<b>First Named Inventor</b>	THOMAS, Roger
<b>Art Unit</b>	3725
<b>Examiner Name</b>	SELF, Shelley M.
<b>Attorney Docket Number</b>	P-US-PR-1112

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 198 51 064	6/10/1999	Makita		ABST
		JP 03223002	10/1991	Yamaguchi, Mitsuharu		ABST
		GB 2 371 968 A	8/14/2002	Electrolux		
		GB 249,881	8/12/1926	SIEMENS		
		GB 2 137 896 A	10/17/84	Hoover		
		DE 38 43 912 A1	6/28/1990	Metabowerke		ABST
		DE 35 42 466 A1	6/04/1987	Licentia		ABST
		DE 34 06 728	8/29/1985	Karl M. Reich		ABST
		DE 10 80 764	4/28/1960	Karl M. Reich		

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**(Use as many sheets as necessary)**

**Complete if Known**

<b>Application Number</b>	10/729,235
<b>Filing Date</b>	12/05/2003
<b>First Named Inventor</b>	THOMAS, Roger
<b>Art Unit</b>	3725
<b>Examiner Name</b>	SELF, Shelley M.
<b>Attorney Docket Number</b>	P-US-PR-1112

Sheet	3	of	3
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 19 535 248	4/25/1996	Ryobi Ltd.		ABST
		EP 0 279 047 A	8/24/1988	Scintilla		ABST
		DE 35 42 263	06/1987	Maier et al.		FULL

Examiner Signature		Date Considered	
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